(X09-363X-XX) (A/3)

H I J K L M N O P Q R

DT1 X85-12XX-XX

(X09-363X-XX)

IC1, 3, 5	:XRA15218-DXor BA15218-DX	Q1, 2, 7, 8	:2SC1845 (F, E)
IC2	:μPC4574C or NJM2058D	Q3, 4, 33	:2SC2878 (A, B)
IC4	:NJU7313L or TC9164N	Q5, 6	:2SC4137 (V, W)
IC6	:NJU7311L or TC9162N	Q8, 10	:2SD2254 (A-77)
IC7	:AN7805F or TA7805S or μPC7805AHF		2SD2340 (A-57)
IC8	:TA7815S or μPC7815AHF	Q11, 12	:2SB1492 (A-77)
IC9	:μPC7915HF		2SB1531 (A-57)
		Q31, 34~37	:2SC2003 (L, K)
		Q38	:2SA933S (Q, R) or 2SA1175 (F, E)

D1~6, 31, 44, 45, 47, 49~5 D35~42

D46

D48

MODEL		COUNTRY		CN13	CN14	D33, 34	C21~26, 33~36, 43~48	C49, 50	C57, 58	C59, 60	C71, 72	R125	R126
A-77 (JAPAN MADE)	M	GENERAL MARKET	0-23	12P	12P	NO	NO	0.047μ	4.7μ35	0.1μ	6800μ63	W165	W164
	X	AUSTRALIA											
	T	ENGLAND	2-72	12P	12P		220P	10μ35	1μ	0.33μ	6800μ63	4.7K	4.7K
	E	EUROPE											
A-77 (SINGAPOLE MADE)	M	GENERAL MARKET	0-21	12P	12P		NO	0.047μ	4.7μ35	0.1μ	6800μ63	W165	W164
	X	AUSTRALIA											
	T	ENGLAND	2-70	12P	12P		220P	10μ35	1μ	0.33μ	6800μ63	4.7K	4.7K
	E	EUROPE											
A-57 (JAPAN MADE)	M	GENERAL MARKET	0-22	8P	10P	YES	NO	0.1μ	4.7μ35	0.1μ	5600μ	2.2K	2.2K
	X	AUSTRALIA											
	T	ENGLAND	2-71	8P	10P		220P	10μ35	1μ	0.33μ	5600μ	2.0K	2.0K
	E	EUROPE											
A-57 (SINGAPOLE MADE)	M	GENERAL MARKET	0-24	8P	10P		NO	0.1μ	4.7μ35	0.1μ	5600μ	2.2K	2.2K
	X	AUSTRALIA											
	T	ENGLAND	2-73	8P	10P		220P	10μ35	1μ	0.33μ	5600μ	2.0K	2.0K
	E	EUROPE											

(X85-12XX-XX)

MODEL			R5. 6	R40
A-77 JAPAN MADE	M	20-01	2.37K	10
	X			
	E	20-00	2.15K	JUMPER
A-77 SINGAPOLE MADE	M	30-01	2.37K	10
	X			
	T	30-00	2.15K	JUMPER
	E			
A-57	M	30-03	2.87K	33
	X			
	T	30-02	2.61K	22
	E			

(X85-122X-XX)

Q1~4, 9, 10. 13 :2SA992 (F. E)
Q5~8 :2SC1845 (F. E)
Q11 :2SC2458 (Y. GR) or 2SC3311A (QR) (J)

Q11 :2SC1740S (QR) or2SC2785 (F. E) (S)
Q12 :UN4212orDTC124ES
D1. 2:1SS133orHSS104
D3 :1SS131orHSS104A

*R40 JUMPER

(M TYPE ONLY)

D24 :1SS131 or HSS104A

(E. T. X TYPE ONLY)

D23 :1SS131 or HSS104A

(X09) (E/9)

L07-0520-05 (A-77 E)
L07-0524-05 (A-57 E)
L07-0521-05 (A-77 T)
L07-0525-05 (A-57 T)
L07-0521-05 (A-77 X)
L07-0525-05 (A-57 X)

E TYPE ONLY

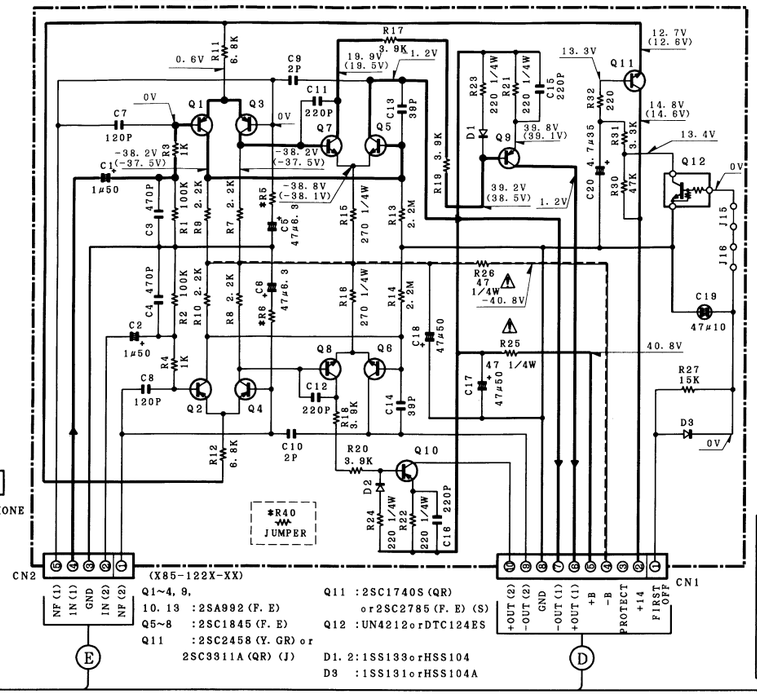
(X09-) (C/3)

L07-0522-05 (A-77)
L07-0526-05 (A-57)

(X09) (E/9)

L07-0557-05 (A-77)
L07-0561-05 (A-56)
L07-0555-05 (A-77)
L07-0559-05 (A-57)

DT1 X85-12XX-XX



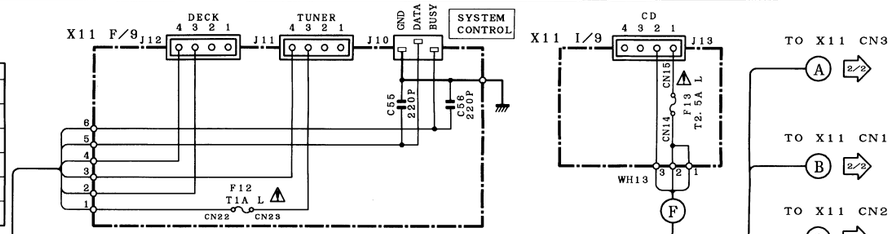
(X09-363X-XX)

IC1, 3, 5	:XRA15218-DXor BA15218-DX	Q1, 2, 7, 8	:2SC1845 (F, E)	D1~6, 31, 32 44, 45, 47, 49~54	:1SS133 or HSS104
IC2	:μPC4574C or NJM2058D	Q3, 4, 33	:2SC2878 (A, B)	D35~42	:S5688B or 1SR139-100
IC4	:NJU7313L or TC9164N	Q5, 6	:2SC4137 (V, W)	D46	:RBV-602LFA or D5SBA20F03
IC6	:NJU7311L or TC9162N	Q9, 10	:2SD2254 (A-77) 2SD2340 (A-57)	D48	:RD4. 7ES (B2) or HZS4. 7N (B2)
IC7	:AN7805F or TA7805S or μPC7805AHF	Q11, 12	:2SB1492 (A-77) 2SB1531 (A-57)		
IC8	:TA7815S or μPC7815AHF	Q31, 34~37	:2SC2003 (L, K)		
IC9	:μPC7915HF	Q38	:2SA933S (Q, R) or 2SA1175 (F, E)		

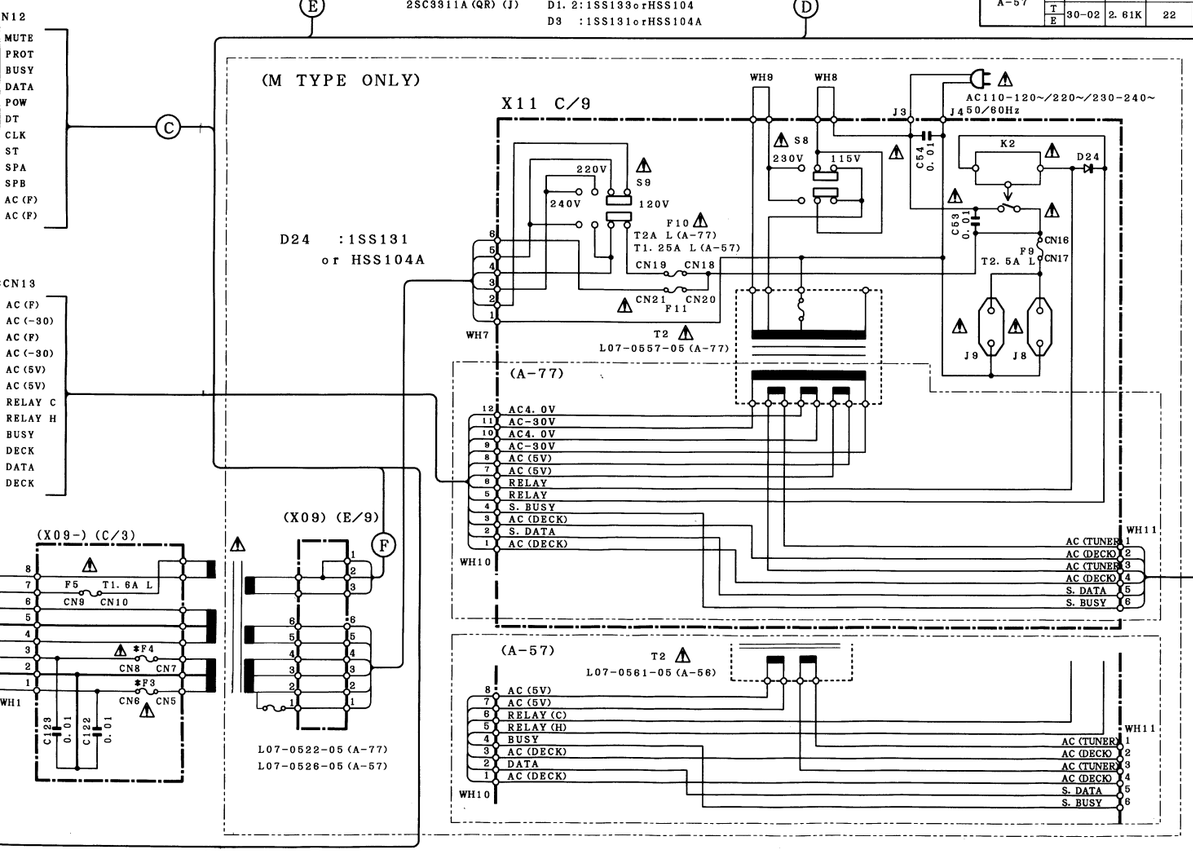
MODEL		COUNTRY		CN13	CN14	D33, 34	C21~26, 33~36, 43~48	C49, 50	C57, 58	C59, 60	C71, 72	R125	R126	R163	F3, 4	W21~23
A-77 (JAPAN MADE)	M	GENERAL MARKET	0-23	12P	12P	NO	NO	0.047μ	4.7μ35	0.1μ	6800μ63	W165	W164	47 2W	T4A L	YES
	X	AUSTRALIA														
	T	ENGLAND	2-72	12P	12P		220P	10μ35	1μ	0.33μ	6800μ63	4.7K	4.7K			
	E	EUROPE														
A-77 (SINGAPOLE MADE)	M	GENERAL MARKET	0-21	12P	12P		NO	0.047μ	4.7μ35	0.1μ	6800μ63	W165	W164			
	X	AUSTRALIA														
	T	ENGLAND	2-70	12P	12P		220P	10μ35	1μ	0.33μ	6800μ63	4.7K	4.7K			
	E	EUROPE														
A-57 (JAPAN MADE)	M	GENERAL MARKET	0-22	8P	10P	YES	NO	0.1μ	4.7μ35	0.1μ	5600μ	2.2K	2.2K	82 2W	T2.5A L	NO
	X	AUSTRALIA														
	T	ENGLAND	2-71	8P	10P		220P	10μ35	1μ	0.33μ	5600μ	2.0K	2.0K			
	E	EUROPE														
A-57 (SINGAPOLE MADE)	M	GENERAL MARKET	0-24	8P	10P		NO	0.1μ	4.7μ35	0.1μ	5600μ	2.2K	2.2K			
	X	AUSTRALIA														
	T	ENGLAND	2-73	8P	10P		220P	10μ35	1μ	0.33μ	5600μ	2.0K	2.0K			
	E	EUROPE														

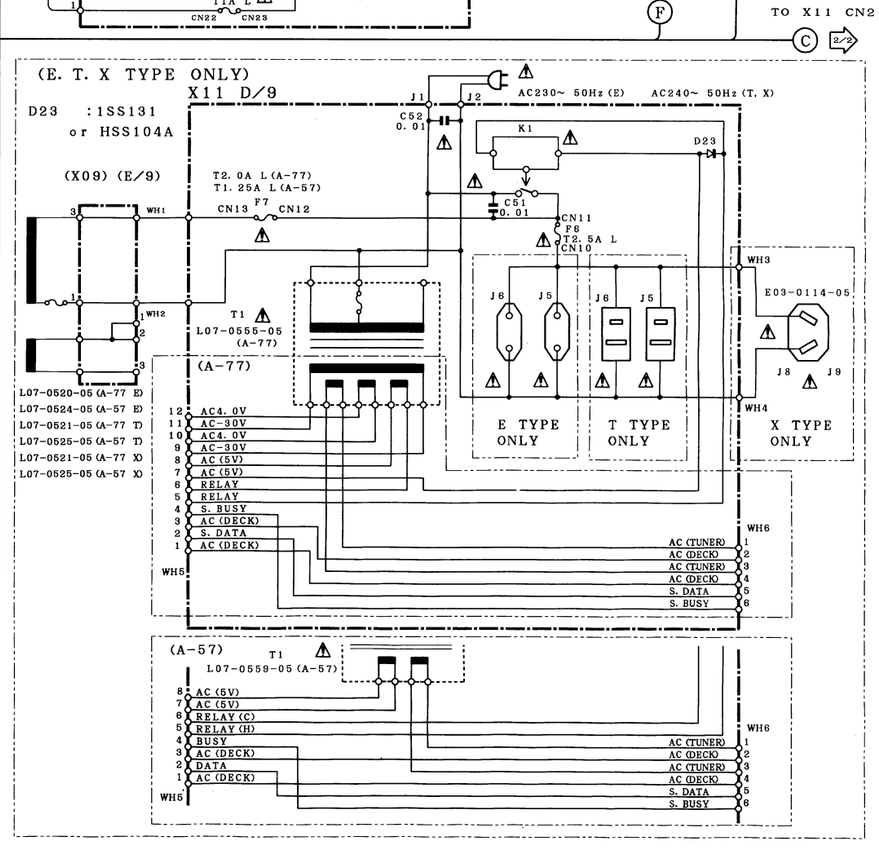
(X85-12XX-XX)

MODEL			R5. 6	R40
A-77 JAPAN MADE	M	20-01	2. 37K	10
	X			
	T	20-00	2. 15K	JUMPER
	E			
A-77 SINGAPOLE MADE	M	30-01	2. 37K	10
	X			
	T	30-00	2. 15K	JUMPER
	E			
A-57	M	30-03	2. 87K	33
	X			
	T	30-02	2. 61K	22
	E			



TO X11 CN3 (A) 2/2
TO X11 CN1 (B) 2/2
TO X11 CN2 (C) 2/2





DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance sans signal d'entrée. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

SIGNAL LINE
GND LINE
+B LINE
−B LINE

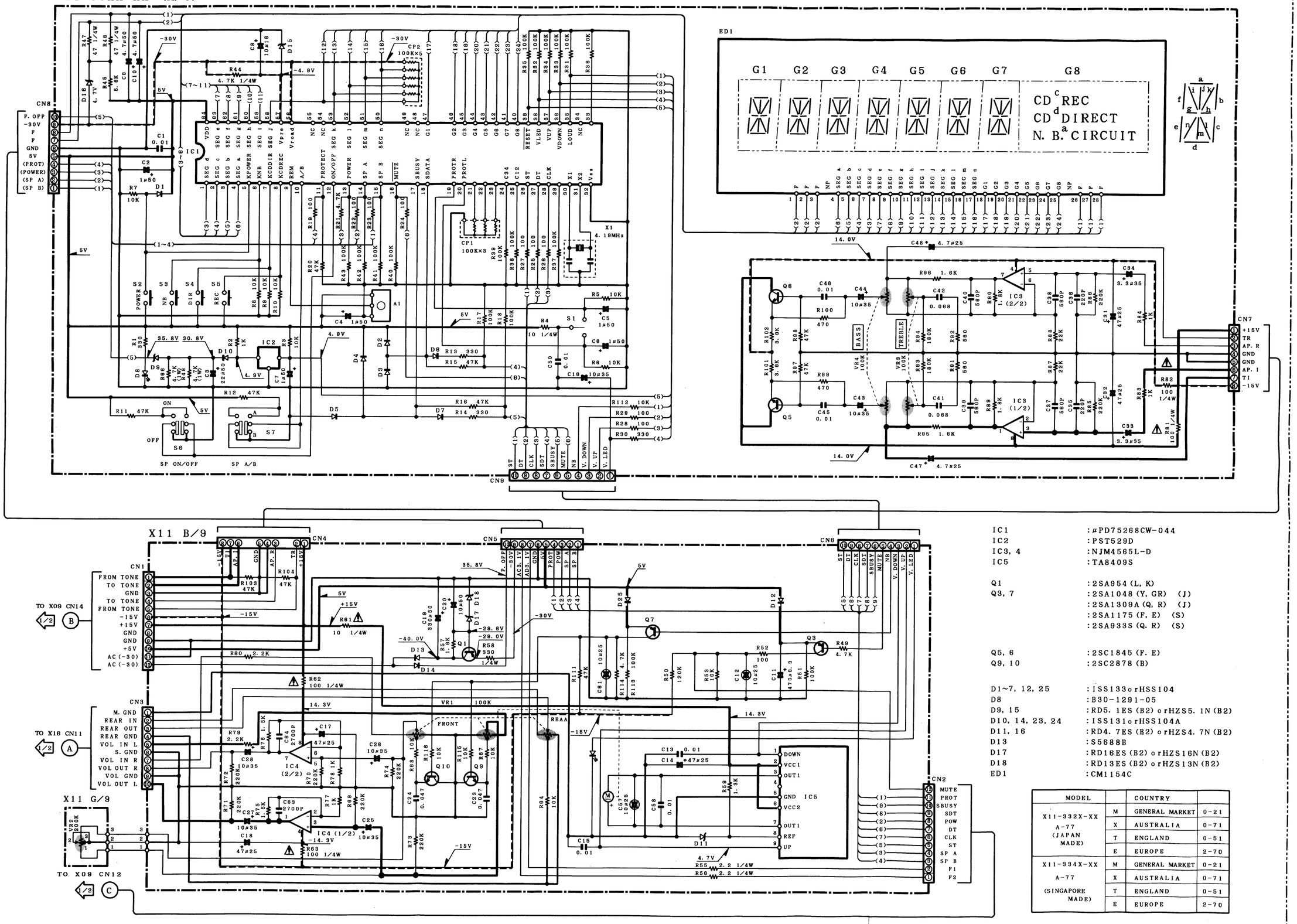
Y08-4972-70

A-57/77

KENWOOD

(A-77)

X11-33XX-XX (A/9)



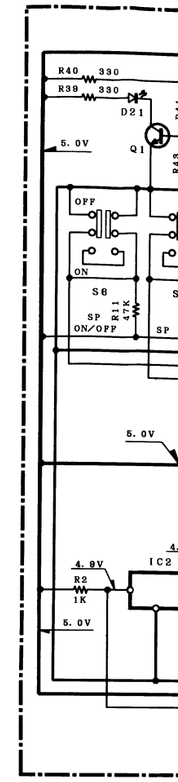
X11 B/9

IC1	: μPD75268CW-044
IC2	: PST529D
IC3, 4	: NJM4565L-D
IC5	: TA8409S
Q1	: 2SA954 (L, K)
Q3, 7	: 2SA1048 (Y, GR) (J) : 2SA1309A (Q, R) (J) : 2SA1175 (F, E) (S) : 2SA933S (Q. R) (S)
Q5, 6	: 2SC1845 (F. E)
Q9, 10	: 2SC2878 (B)
D1~7, 12, 25	: 1SS133 or HSS104
D8	: B30-1291-05
D9, 15	: RD5. 1ES (B2) or HZS5. 1N (B2)
D10, 14, 23, 24	: 1SS131 or HSS104A
D11, 16	: RD4. 7ES (B2) or HZS4. 7N (B2)
D13	: S5688B
D17	: RD16ES (B2) or HZS16N (B2)
D18	: RD13ES (B2) or HZS13N (B2)
ED1	: CM1154C

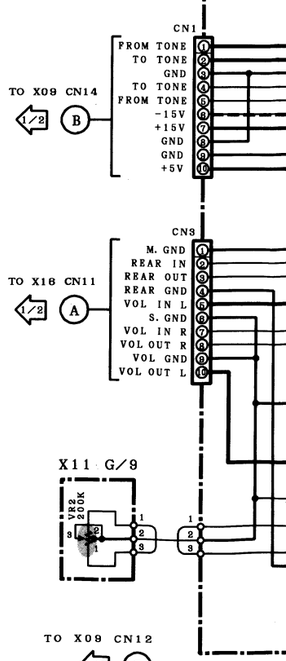
MODEL		COUNTRY	
X11-332X-XX A-77 (JAPAN MADE)	M	GENERAL MARKET	0-21
	X	AUSTRALIA	0-71
	T	ENGLAND	0-51
	E	EUROPE	2-70
X11-334X-XX A-77 (SINGAPORE MADE)	M	GENERAL MARKET	0-21
	X	AUSTRALIA	0-71
	T	ENGLAND	0-51
	E	EUROPE	2-70

(A-57)

X11-330X-XX

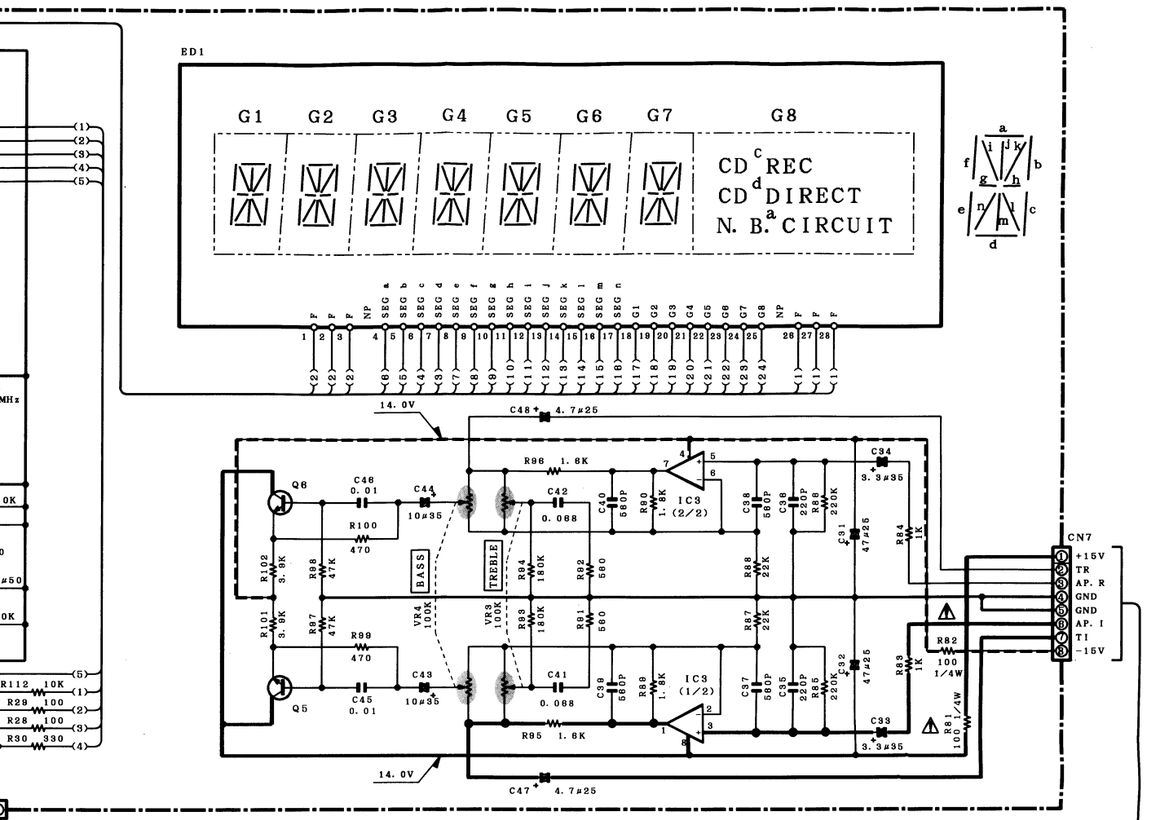


X11 B/



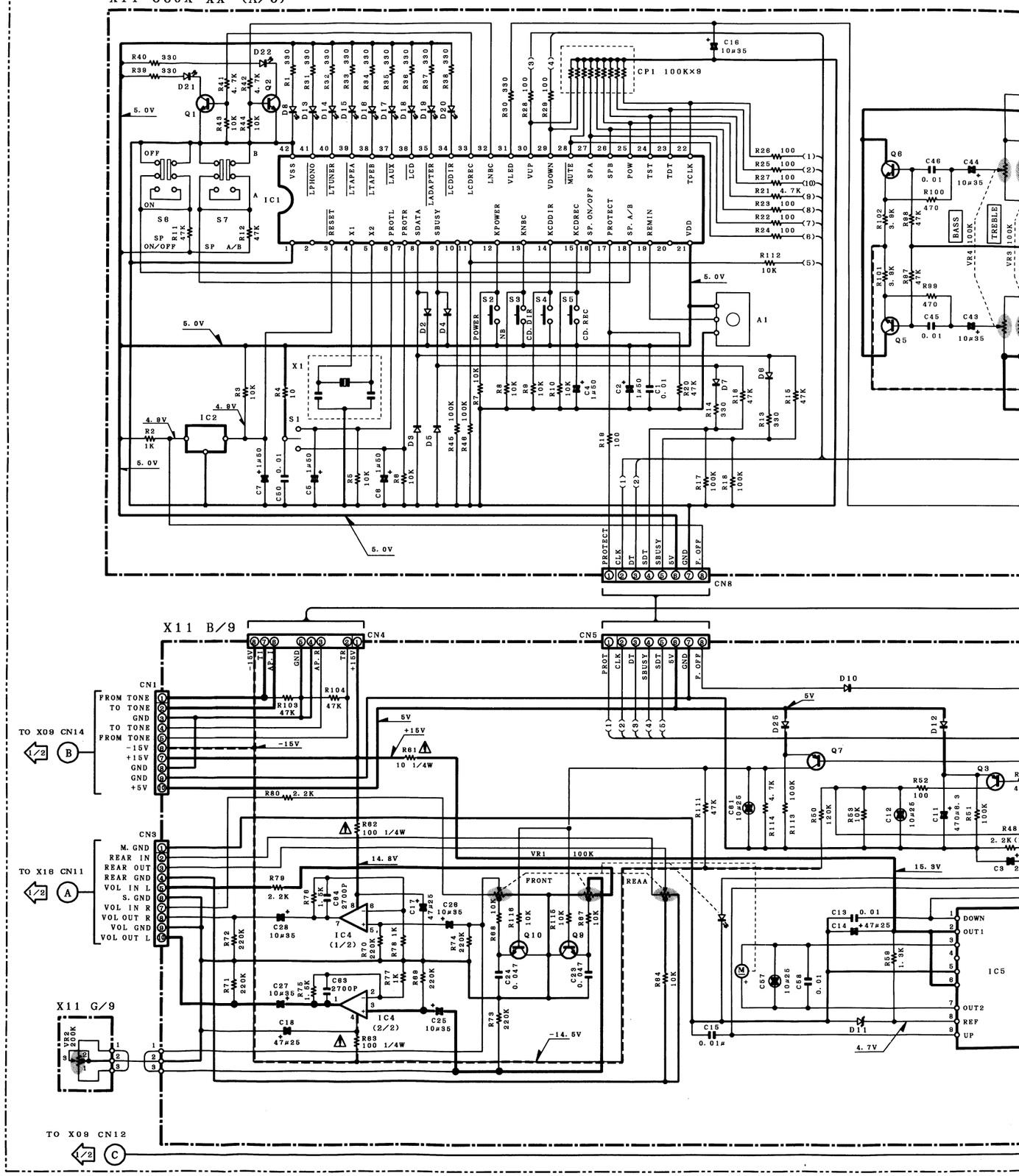
(A-57)

X11-330X-XX (A/9)

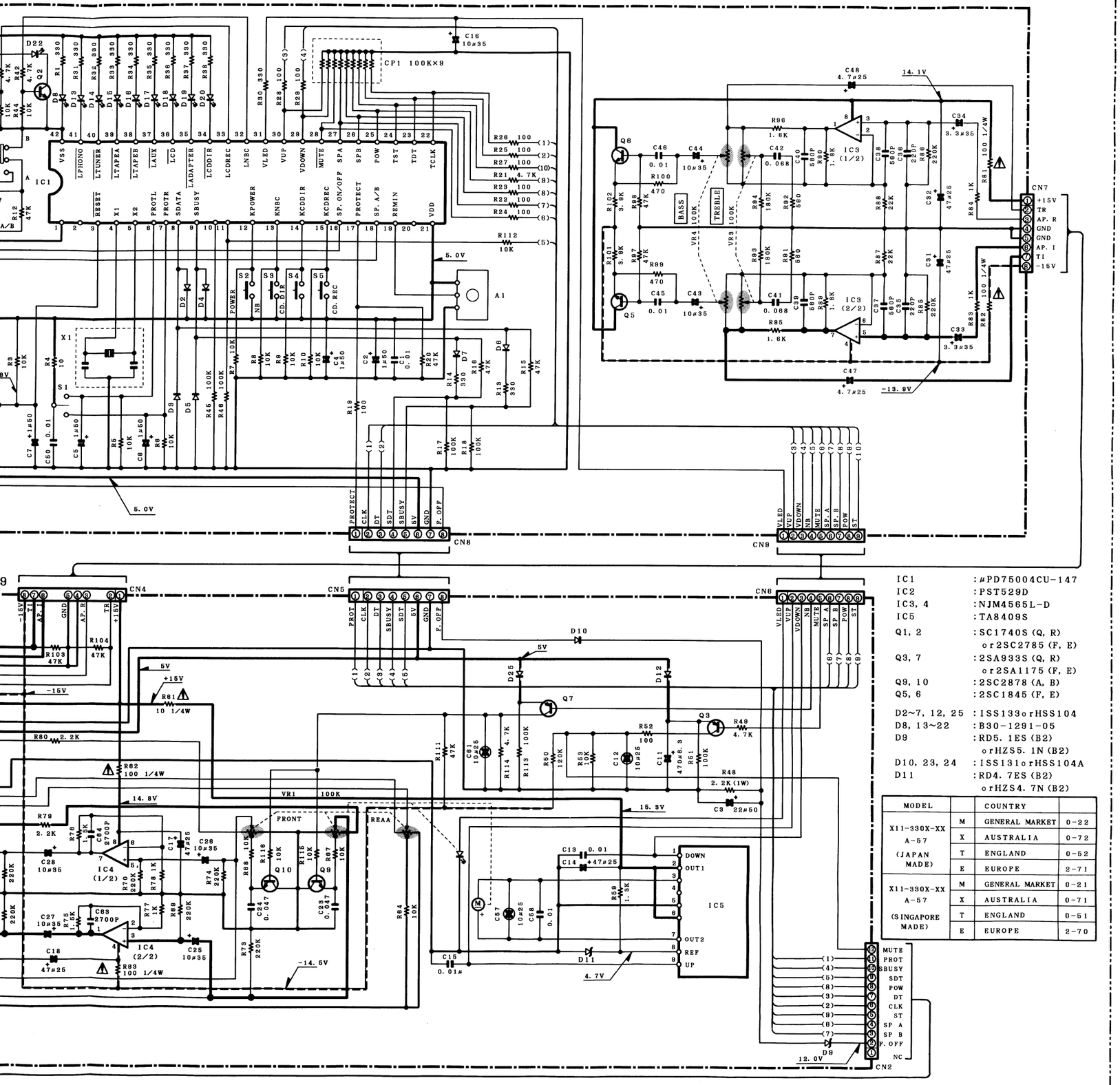


IC1	: μPD75268CW-044
IC2	: PST529D
IC3, 4	: NJM4565L-D
IC5	: TA8409S
Q1	: 2SA954 (L, K)
Q3, 7	: 2SA1048 (Y, GR) (J) : 2SA1309A (Q, R) (J) : 2SA1175 (F, E) (S) : 2SA933S (Q. R) (S)
Q5, 6	: 2SC1845 (F. E)
Q9, 10	: 2SC2878 (B)
D1~7, 12, 25	: ISS133 or HSS104
D8	: B30-1291-05
D9, 15	: RD5. 1ES (B2) or HZS5. 1N (B2)
D10, 14, 23, 24	: ISS131 or HSS104A
D11, 16	: RD4. 7ES (B2) or HZS4. 7N (B2)
D13	: S5688B
D17	: RD16ES (B2) or HZS16N (B2)
D18	: RD13ES (B2) or HZS13N (B2)
ED1	: CM1154C

MODEL		COUNTRY	
X11-332X-XX A-77 (JAPAN MADE)	M	GENERAL MARKET	0-21
	X	AUSTRALIA	0-71
	T	ENGLAND	0-51
	E	EUROPE	2-70
X11-334X-XX A-77 (SINGAPORE MADE)	M	GENERAL MARKET	0-21
	X	AUSTRALIA	0-71
	T	ENGLAND	0-51
	E	EUROPE	2-70

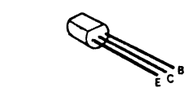


(A/9)

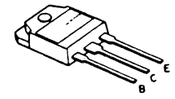


IC1	: μPD75004CU-147
IC2	: PST529D
IC3, 4	: NJM4565L-D
IC5	: TA8409S
Q1, 2	: SC1740S (Q, R) or 2SC2785 (F, E)
Q3, 7	: 2SA933S (Q, R) or 2SA1175 (F, E)
Q9, 10	: 2SC2878 (A, B)
Q5, 6	: 2SC1845 (F, E)
D2~7, 12, 25	: 1SS133 or HSS104
D8, 13~22	: B30-1291-05
D9	: RD5. 1ES (B2) or HZS5. 1N (B2)
D10, 23, 24	: 1SS131 or HSS104A
D11	: RD4. 7ES (B2) or HZS4. 7N (B2)

MODEL		COUNTRY	
X11-330X-XX A-57 (JAPAN MADE)	M	GENERAL MARKET	0-22
	X	AUSTRALIA	0-72
	T	ENGLAND	0-52
	E	EUROPE	2-71
X11-330X-XX A-57 (SINGAPORE MADE)	M	GENERAL MARKET	0-21
	X	AUSTRALIA	0-71
	T	ENGLAND	0-51
	E	EUROPE	2-70



2SA954 2SC1845
2SA992 2SC2003
2SC2878



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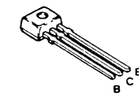

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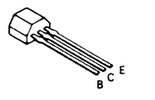
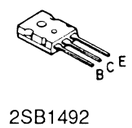


DTC124ES 2SA933S
2SA1048 2SC1740C
2SC2458

2SC4137



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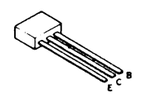

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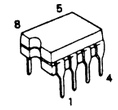
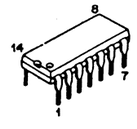
2SA1309A



BA15218-DX



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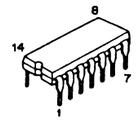

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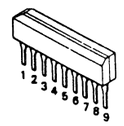
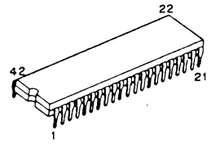


TA8409S



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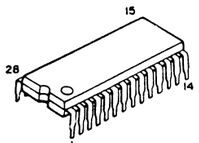
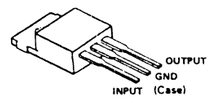


NJU7311L
NJU7313L



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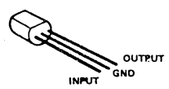

PST529D

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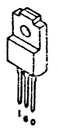
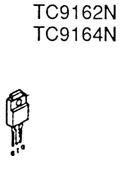


TA7805S
TA7815S

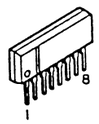
UPC7915F



TA79015S

TC9162N
TC9164N

UPD75268CW-044



NJM4565L-D

DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance sans signal d'entrée. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

SIGNAL LINE
GND LINE
+B LINE
-B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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